Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110920\
Data File : BM027763.D
Acq On : 09 Nov 2020 19:10
Operator : JU/CG
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD0.483

Quant Time: Nov 10 06:35:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM02.4-EPA-SIM-BM110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 06:30:49 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.40 | 152 | 645 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 11.23 | 136 | 2290 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 15.00 | 164 | 1374 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.72 | 188 | 2919 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.81 | 240 | 2355 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 24.26 | 264 | 1919 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.79 | 152 | 2057 | 0.49 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.70 | 212 | 4232 | 0.49 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 11.28 | 128 | 3539 | 0.484 | ng/ul# | 77 |
| 5) 2-Methylnaphthalene | 12.87 | 142 | 2392 | 0.474 | ng/ul | 97 |
| 7) Acenaphthylene | 14.73 | 152 | 3343 | 0.489 | ng/ul# | 79 |
| 8) Acenaphthene | 15.07 | 153 | 2577 | 0.497 | ng/ul | 92 |
| 9) Fluorene | 16.04 | 166 | 3009 | 0.492 | ng/ul# | 94 |
| 11) Pentachlorophenol | 17.36 | 266 | 536 | 0.452 | ng/ul | 90 |
| 12) Phenanthrene | 17.76 | 178 | 4709 | 0.497 | ng/ul# | 86 |
| 13) Anthracene | 17.85 | 178 | 4512 | 0.493 | ng/ul# | 85 |
| 15) Fluoranthene | 19.73 | 202 | 5329 | 0.494 | ng/ul | 83 |
| 17) Pyrene | 20.09 | 202 | 5274 | 0.513 | ng/ul# | 85 |
| 18) Benzo(a)anthracene | 21.80 | 228 | 4664 | 0.500 | ng/ul# | 88 |
| 19) Chrysene | 21.85 | 228 | 4786 | 0.502 | ng/ul# | 88 |
| 21) Benzo(b)fluoranthene | 23.51 | 252 | 4490 | 0.532 | ng/ul | 74 |
| 22) Benzo(k)fluoranthene | 23.56 | 252 | 4313 | 0.514 | ng/ul# | 74 |
| 23) Benzo(a)pyrene | 24.15 | 252 | 3860 | 0.519 | ng/ul# | 69 |
| 24) Indeno(1,2,3-cd)pyrene | 26.79 | 276 | 4476 | 0.508 | ng/ul# | 89 |
| 25) Dibenzo(a,h)anthracene | 26.80 | 278 | 3715 | 0.507 | ng/ul# | 65 |
| 26) Benzo(g,h,i)perylene | 27.57 | 276 | 3785 | 0.498 | ng/ul# | 74 |

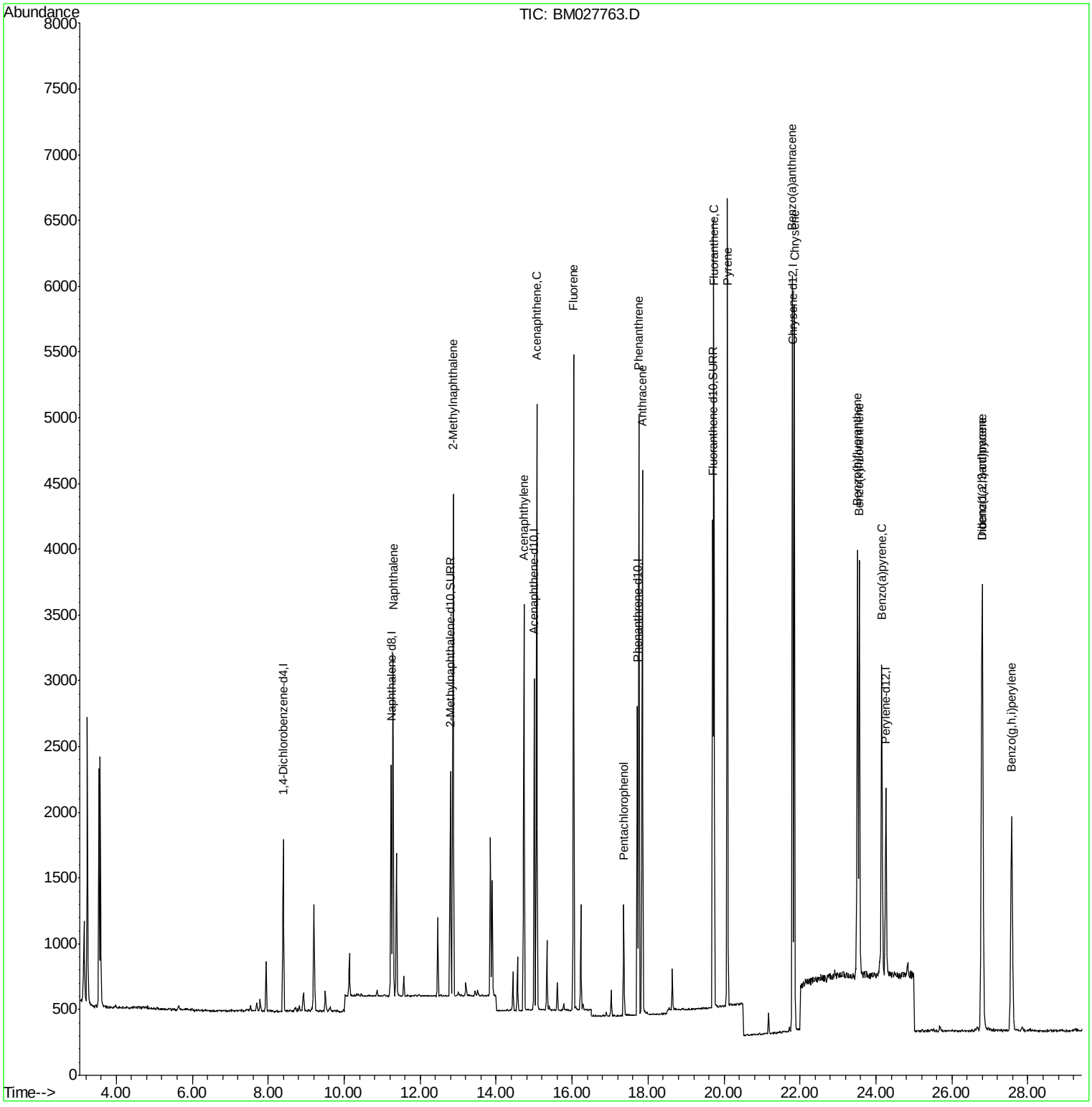
(#) = qualifier out of range (m) = manual integration (+) = signals summed

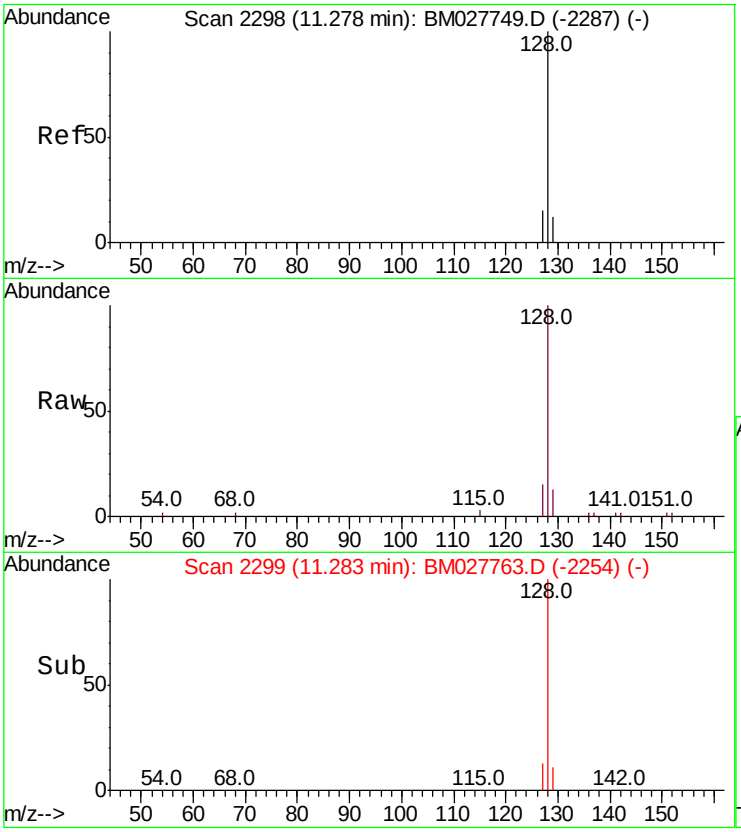
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110920\
Data File : BM027763.D
Acq On : 09 Nov 2020 19:10
Operator : JU/CG
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.483

Quant Time: Nov 10 06:35:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM02.4-EPA-SIM-BM110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 06:30:49 2020
Response via : Initial Calibration



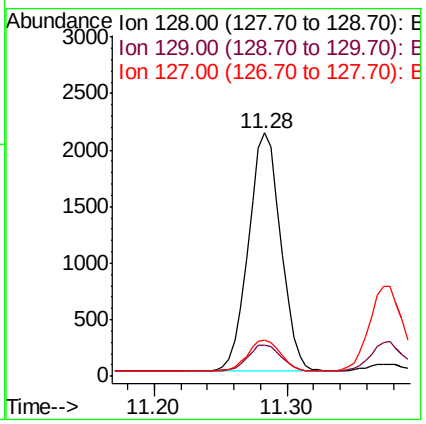


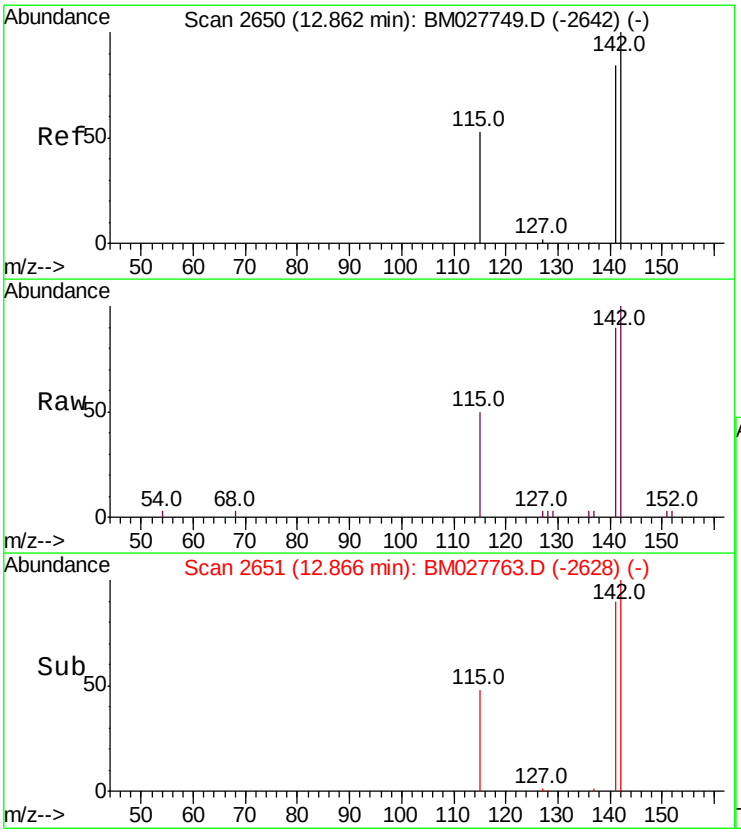

#3
Naphthalene
Concen: 0.484 ng/ul
RT: 11.28 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.483

Tgt Ion:128 Resp: 3539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.9 | 19.5 | 29.3# |
| 127 | 14.9 | 21.2 | 31.8# |

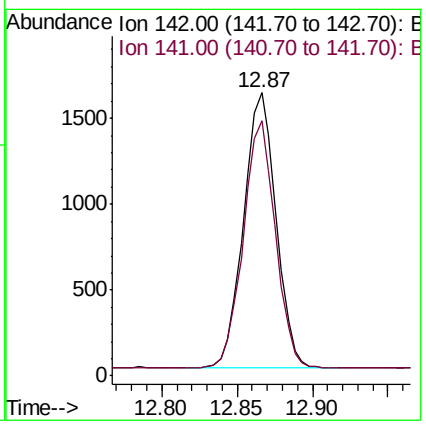


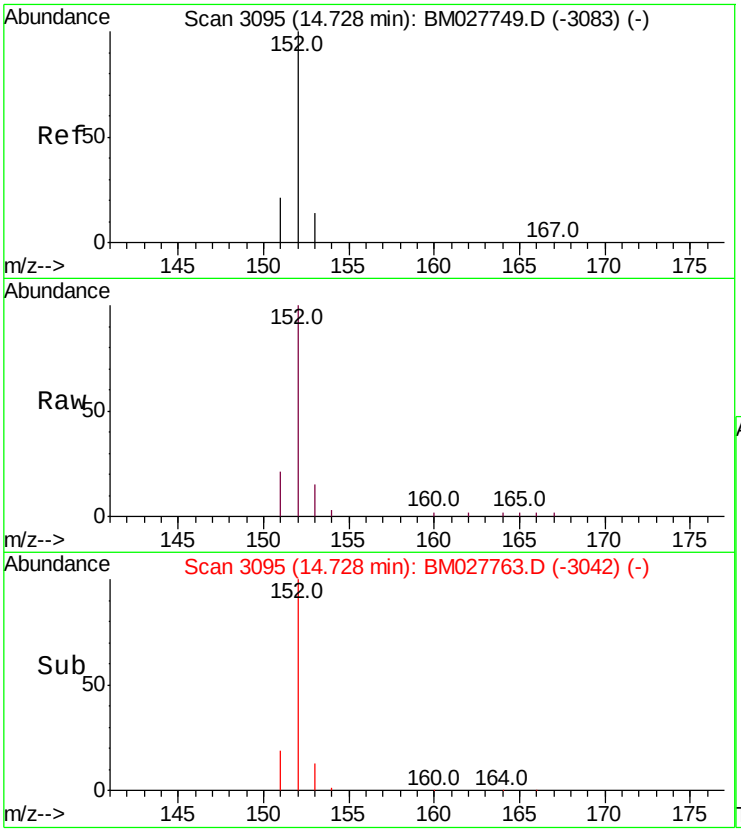




#5
2-Methylnaphthalene
Concen: 0.474 ng/ul
RT: 12.87 min Scan# 2651
Delta R.T. 0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

Tgt Ion:142 Resp: 2392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 68.6 | 103.0 |



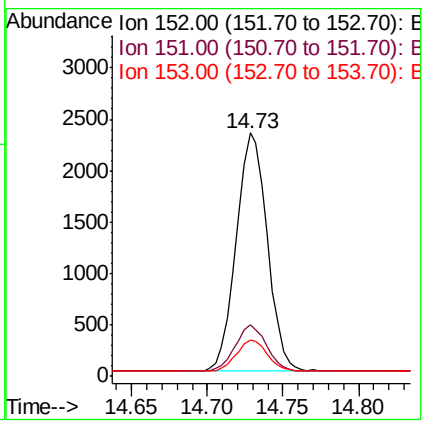


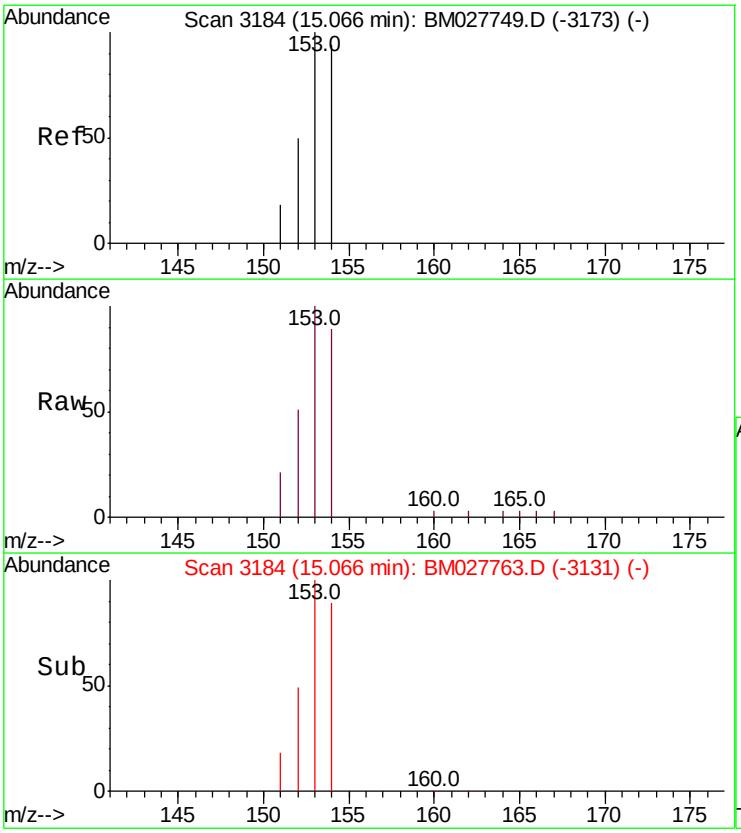

#7
Acenaphthylene
Concen: 0.489 ng/ul
RT: 14.73 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.483

Tgt Ion:152 Resp: 3343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.1 | 25.9 | 38.9# |
| 153 | 14.9 | 21.1 | 31.7# |

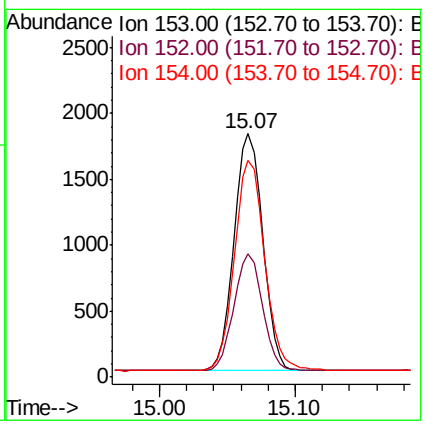


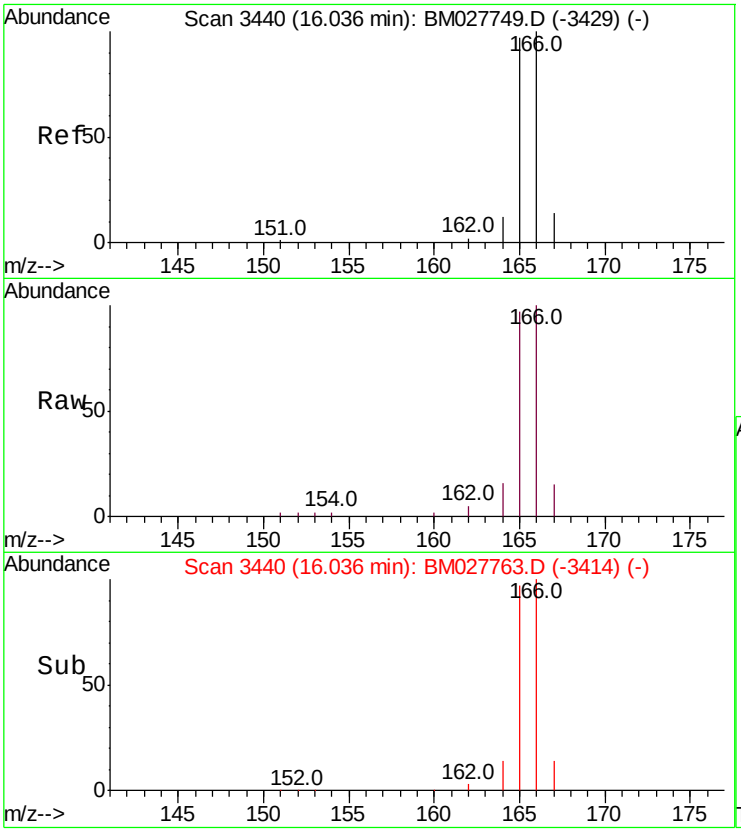




#8
Acenaphthene
Concen: 0.497 ng/ul
RT: 15.07 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

Tgt Ion:153 Resp: 2577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 50.8 | 46.7 | 70.1 |
| 154 | 88.8 | 76.6 | 114.8 |



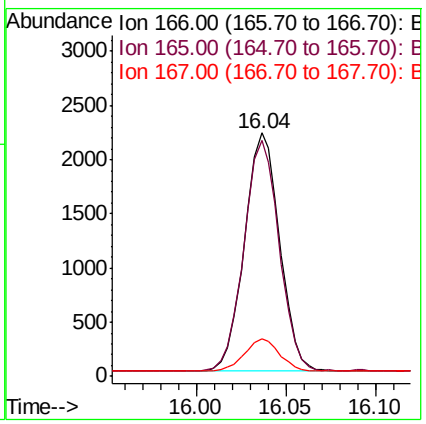


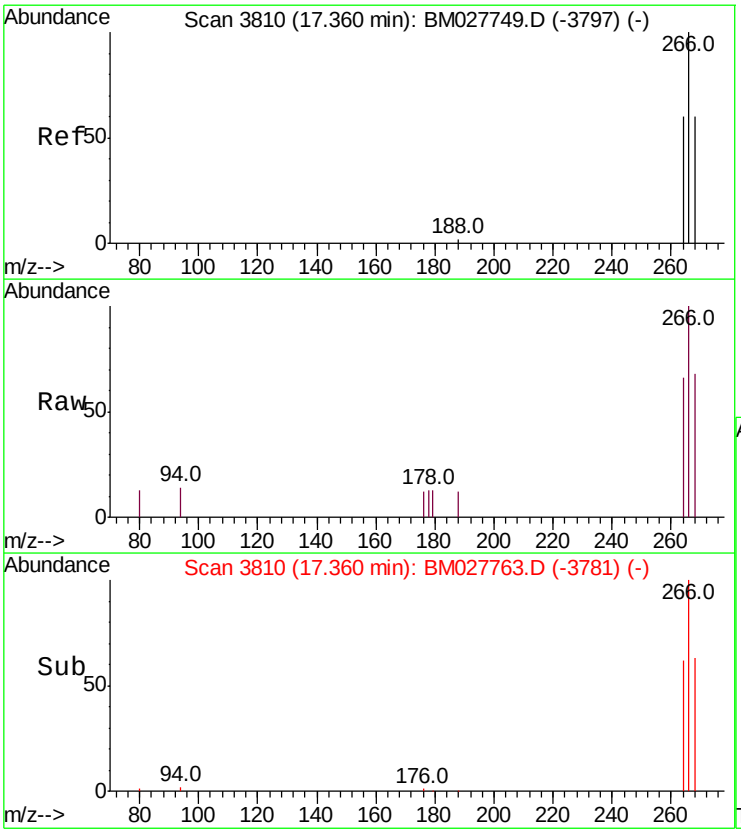

#9
Fluorene
Concen: 0.492 ng/ul
RT: 16.04 min Scan# 3440
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.483

Tgt Ion:166 Resp: 3009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.0 | 78.8 | 118.2 |
| 167 | 15.4 | 21.1 | 31.7# |

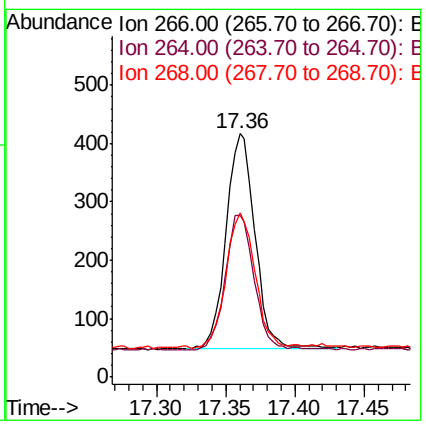


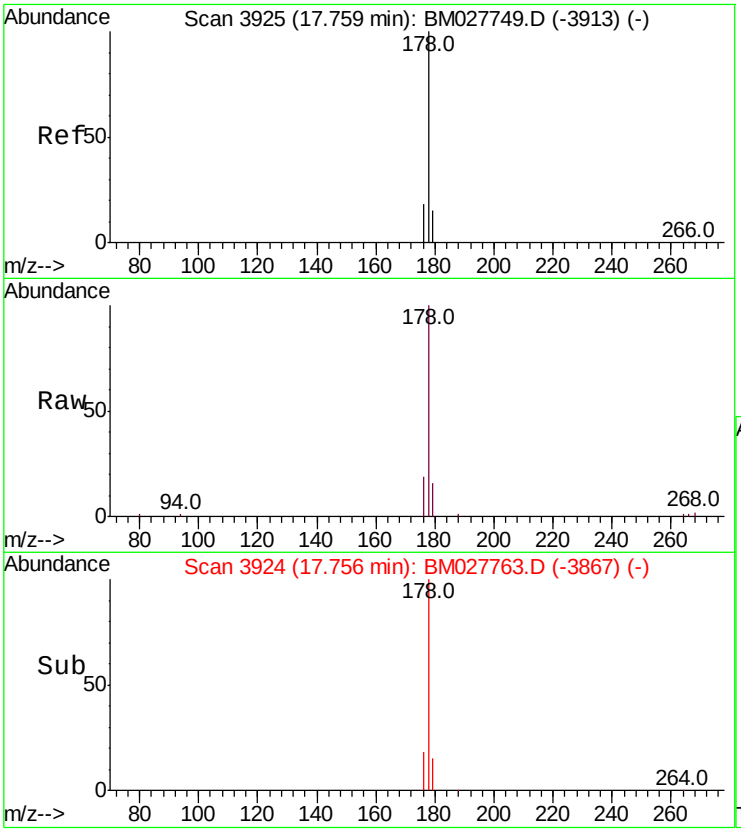




#11
Pentachlorophenol
Concen: 0.452 ng/ul
RT: 17.36 min Scan# 3810
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

Tgt Ion:266 Resp: 536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.1 | 53.0 | 79.4 |
| 268 | 64.0 | 61.2 | 91.8 |



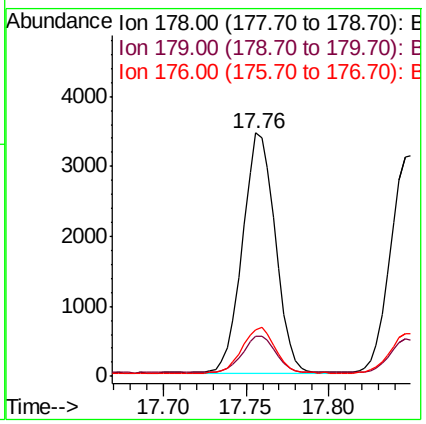


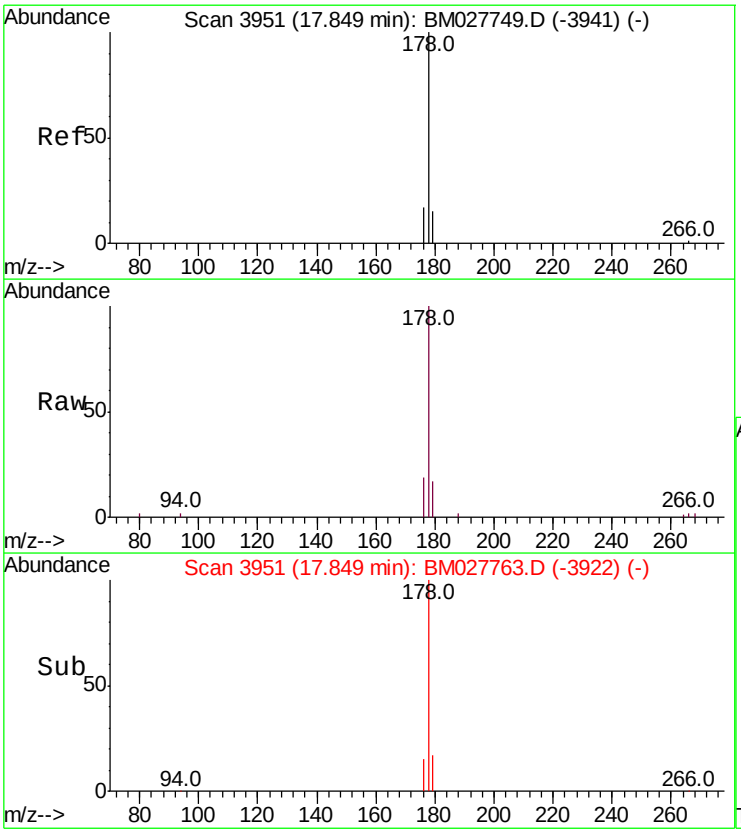

#12
Phenanthrene
Concen: 0.497 ng/ul
RT: 17.76 min Scan# 3924
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.483

Tgt Ion:178 Resp: 4709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.3 | 18.8 | 28.2# |
| 176 | 19.3 | 20.6 | 30.8# |

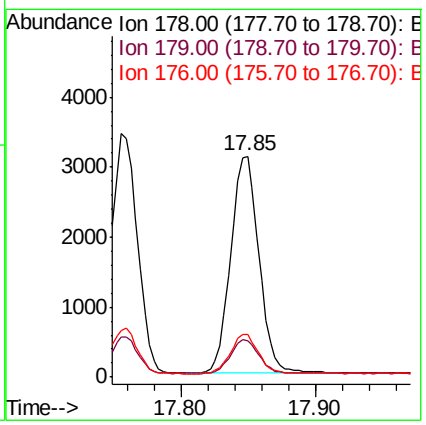


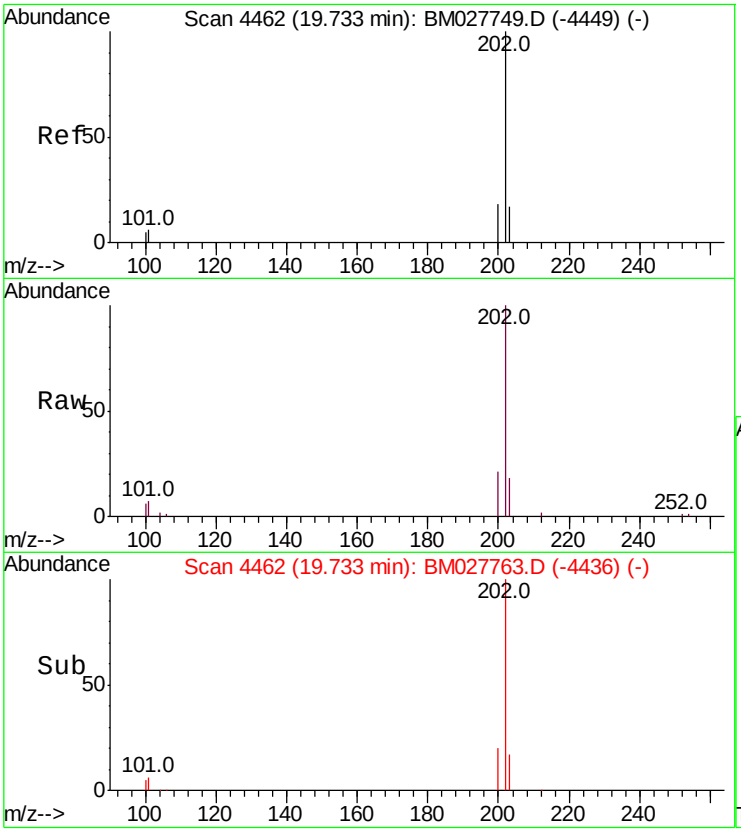




#13
Anthracene
Concen: 0.493 ng/ul
RT: 17.85 min Scan# 3951
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

Tgt Ion:178 Resp: 4512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.7 | 20.1 | 30.1# |
| 176 | 19.2 | 20.8 | 31.2# |



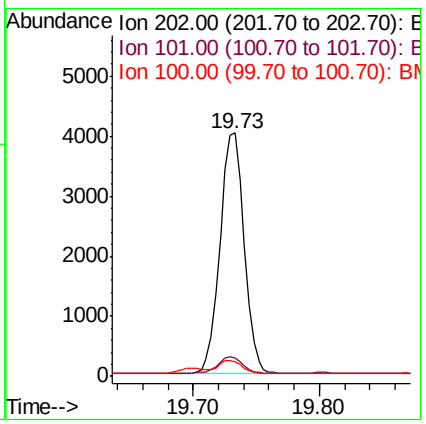


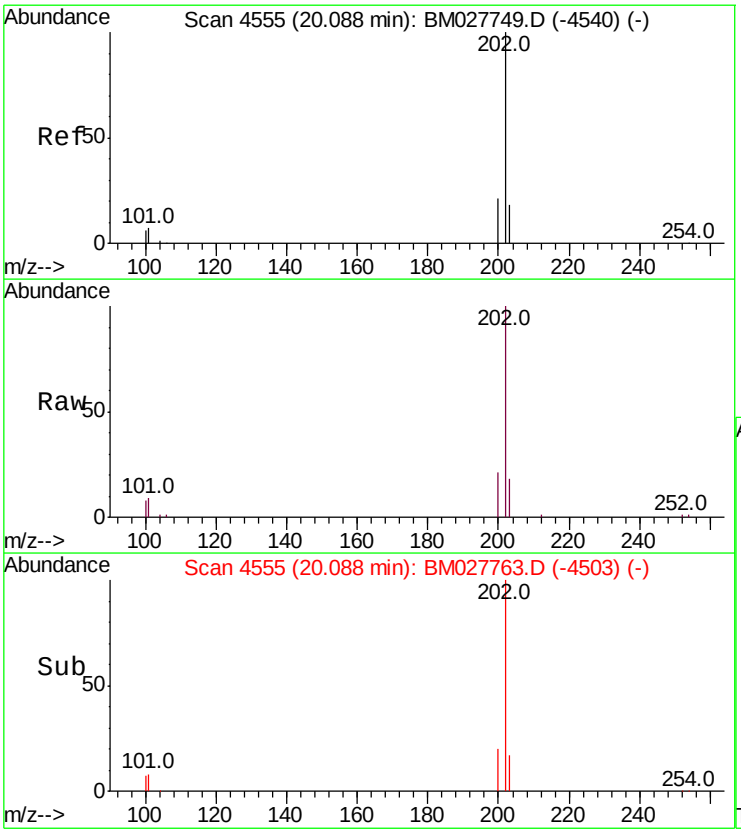

#15
Fluoranthene
Concen: 0.494 ng/ul
RT: 19.73 min Scan# 4462
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.483

Tgt Ion:202 Resp: 5329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.5 | 0.0 | 33.8 |
| 100 | 6.1 | 0.0 | 33.1 |

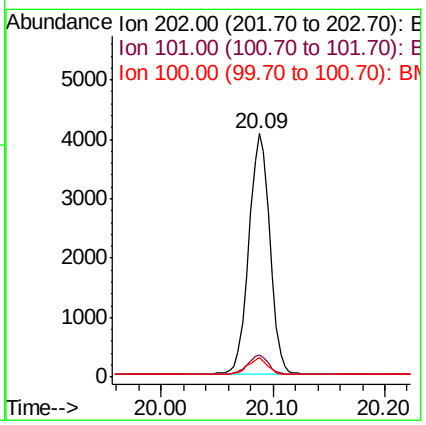


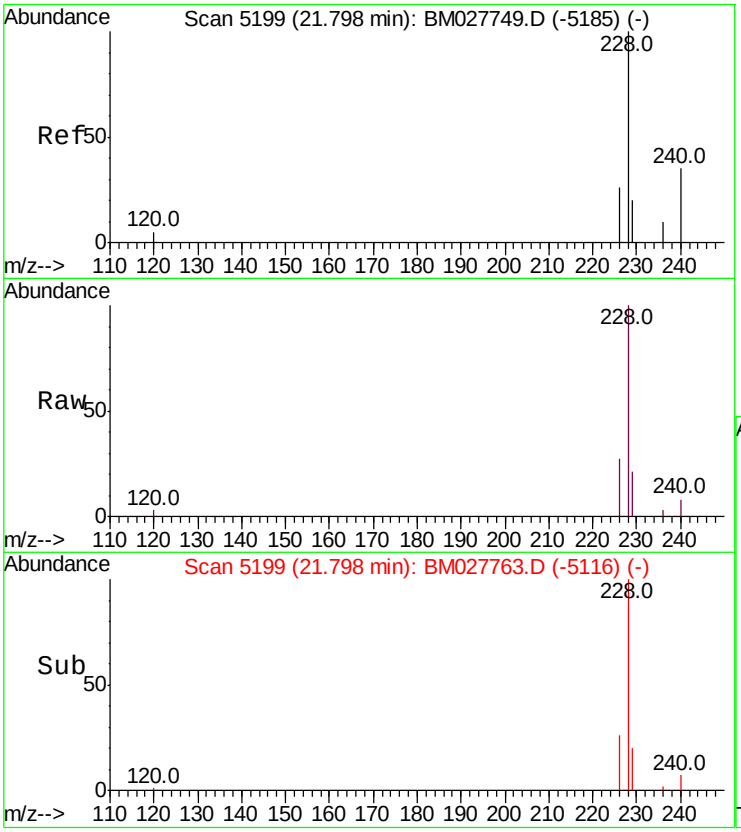




#17
Pyrene
Concen: 0.513 ng/ul
RT: 20.09 min Scan# 4555
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

Tgt Ion:202 Resp: 5274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.0 | 12.2 | 18.4# |
| 100 | 8.0 | 10.9 | 16.3# |



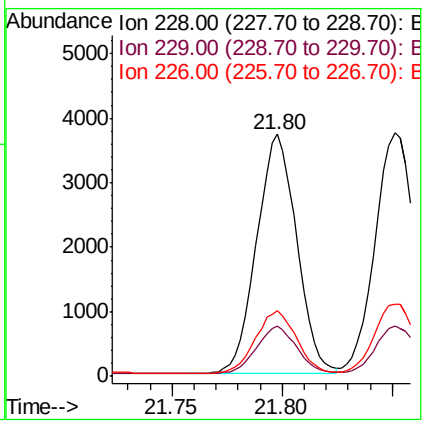


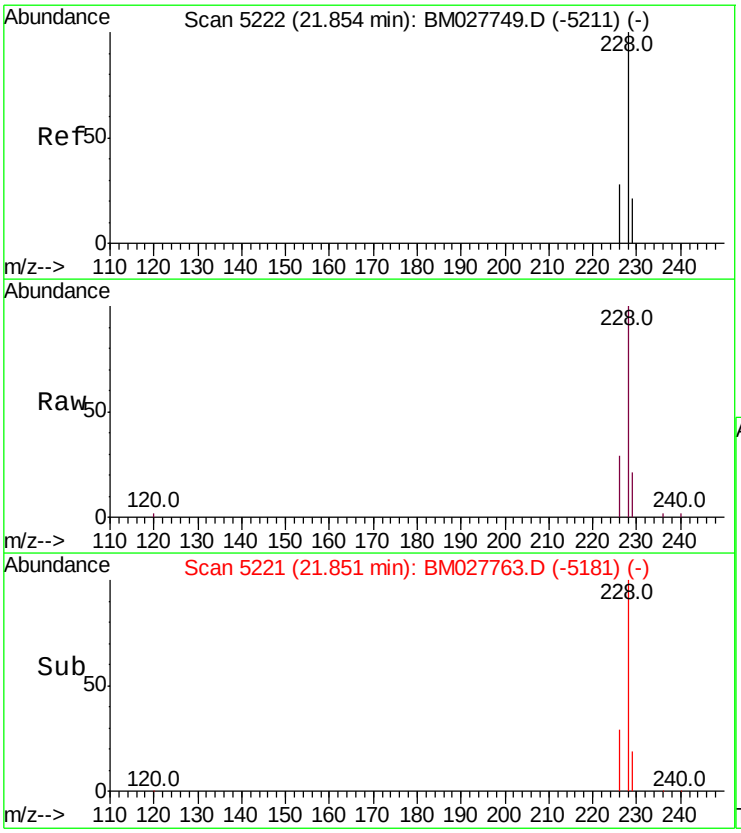

#18
Benzo(a)anthracene
Concen: 0.500 ng/ul
RT: 21.80 min Scan# 5199
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.483

Tgt Ion:228 Resp: 4664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.8 | 22.2 | 33.4# |
| 226 | 27.1 | 26.6 | 39.8 |

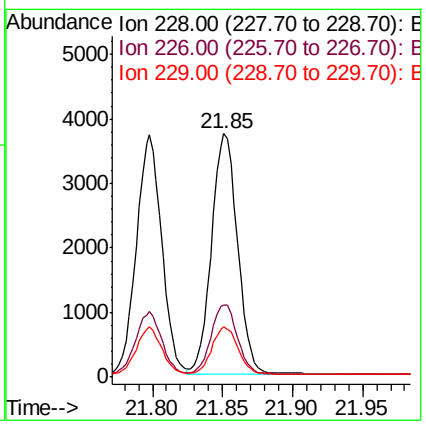


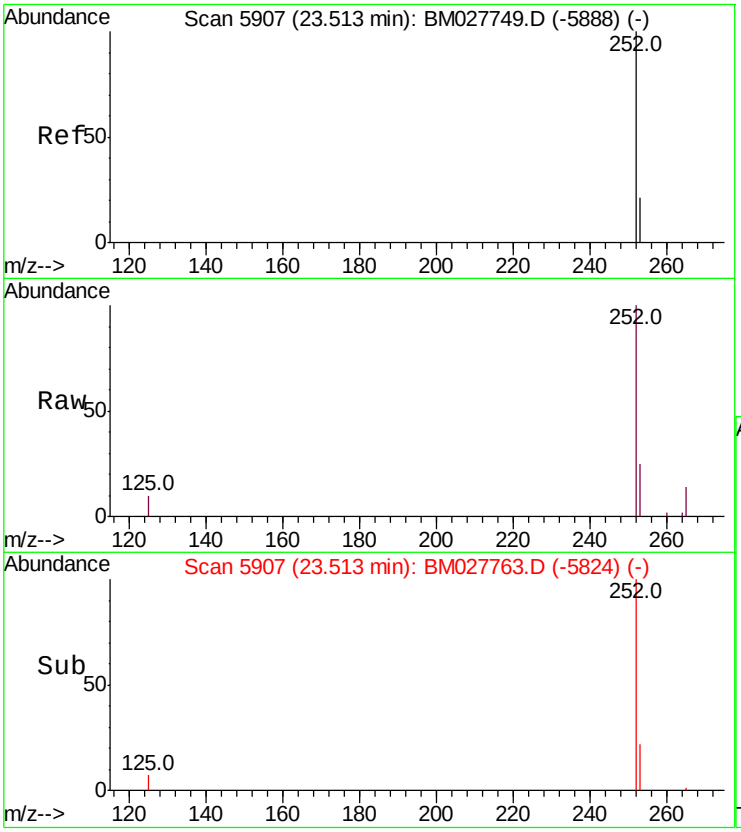




#19
Chrysene
Concen: 0.502 ng/ul
RT: 21.85 min Scan# 5221
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

Tgt Ion:228 Resp: 4786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.5 | 28.1 | 42.1 |
| 229 | 20.5 | 22.6 | 34.0# |



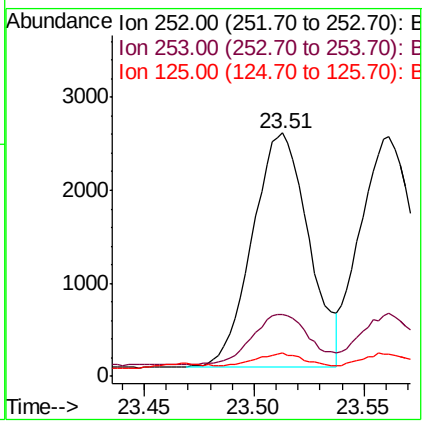


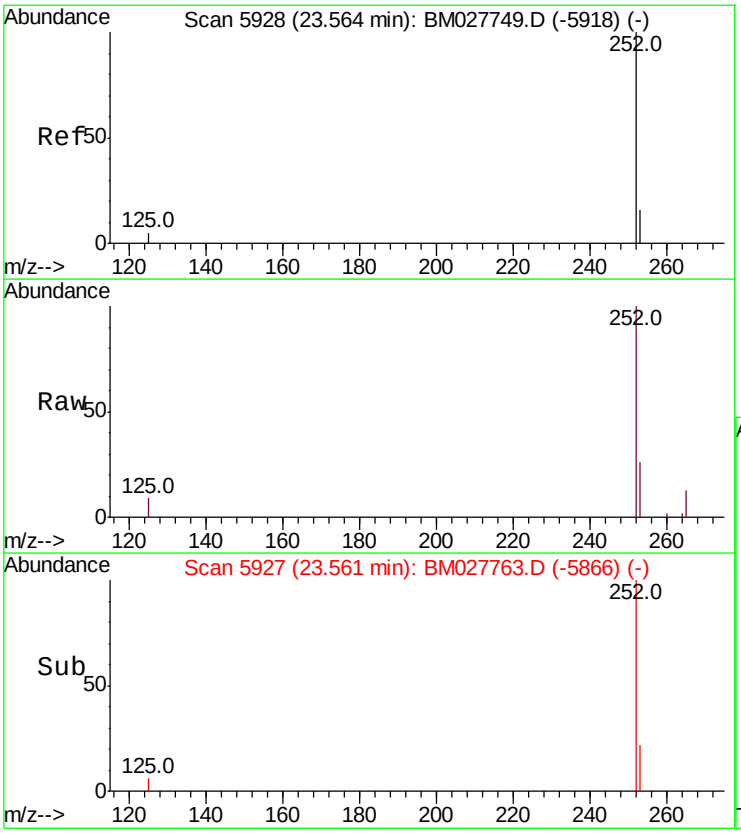

#21
Benzo(b)fluoranthene
Concen: 0.532 ng/ul
RT: 23.51 min Scan# 5907
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.483

Tgt Ion:252 Resp: 4490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.3 | 0.0 | 84.6 |
| 125 | 9.6 | 0.0 | 43.8 |

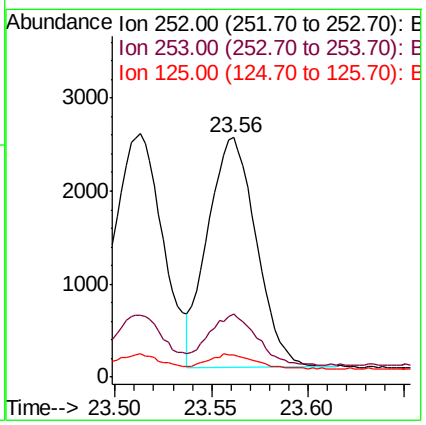


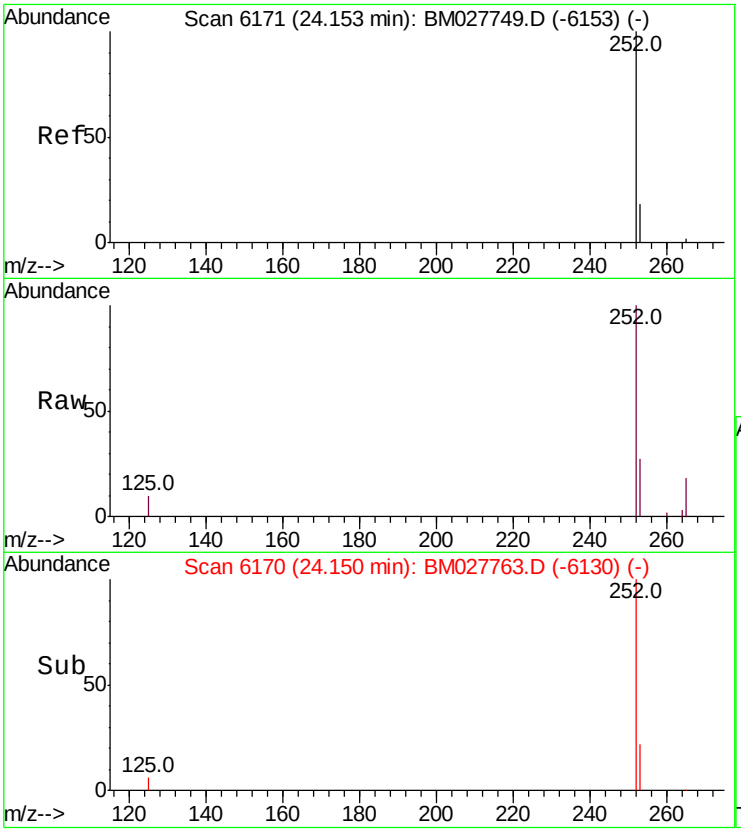




#22
Benzo(k)fluoranthene
Concen: 0.514 ng/ul
RT: 23.56 min Scan# 5927
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

Tgt Ion:252 Resp: 4313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.2 | 32.6 | 48.8# |
| 125 | 9.1 | 19.3 | 28.9# |



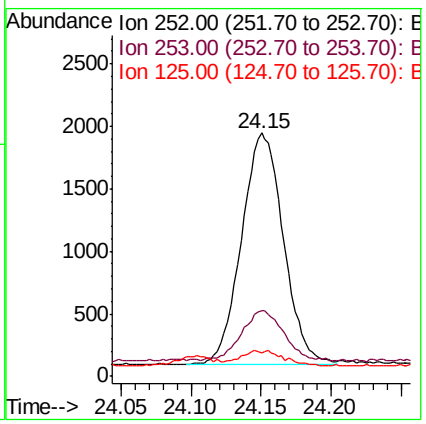


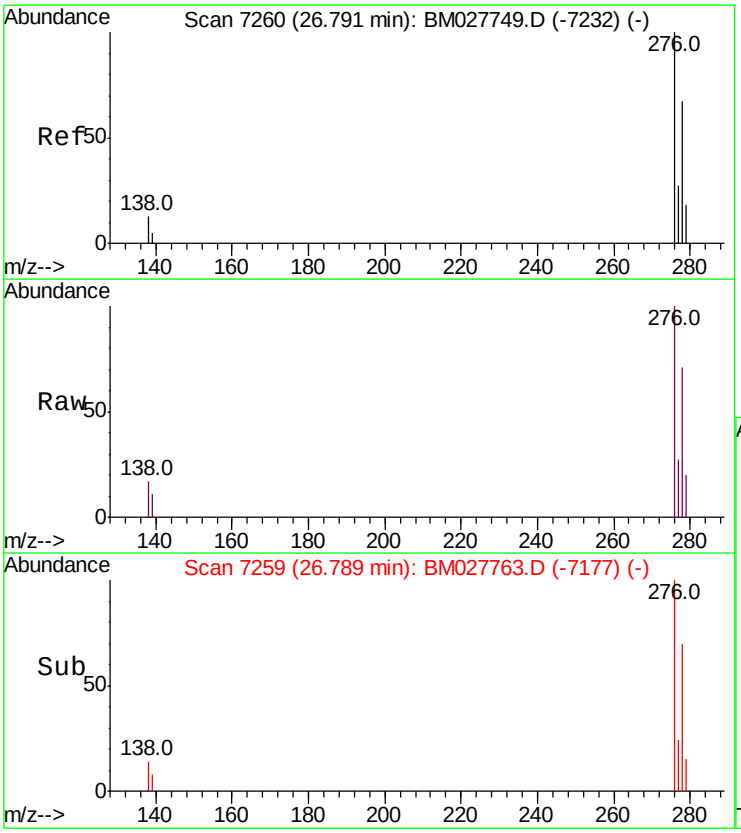

#23
Benzo(a)pyrene
Concen: 0.519 ng/ul
RT: 24.15 min Scan# 6170
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.483

Tgt Ion:252 Resp: 3860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.2 | 37.4 | 56.2# |
| 125 | 9.9 | 21.3 | 31.9# |

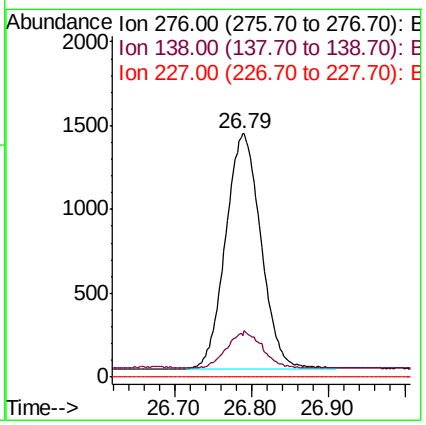


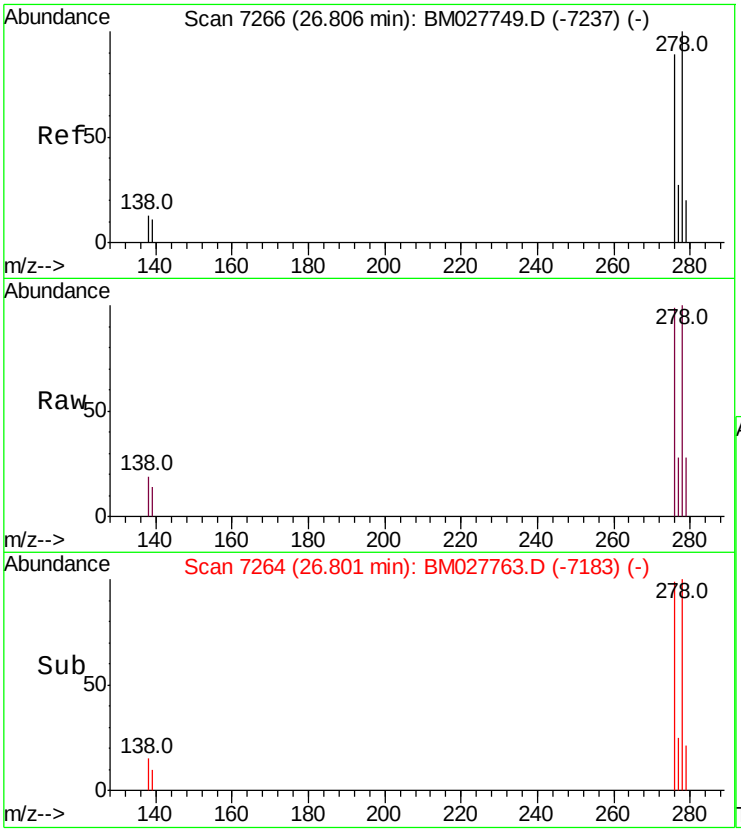




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.508 ng/ul
RT: 26.79 min Scan# 7259
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

Tgt Ion:276 Resp: 4476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.4 | 8.9 | 13.3# |
| 227 | 0.0 | 0.0 | 0.0 |



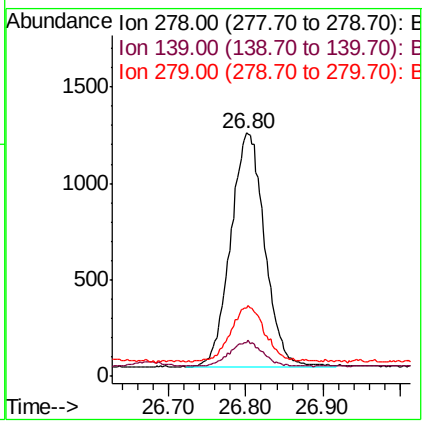


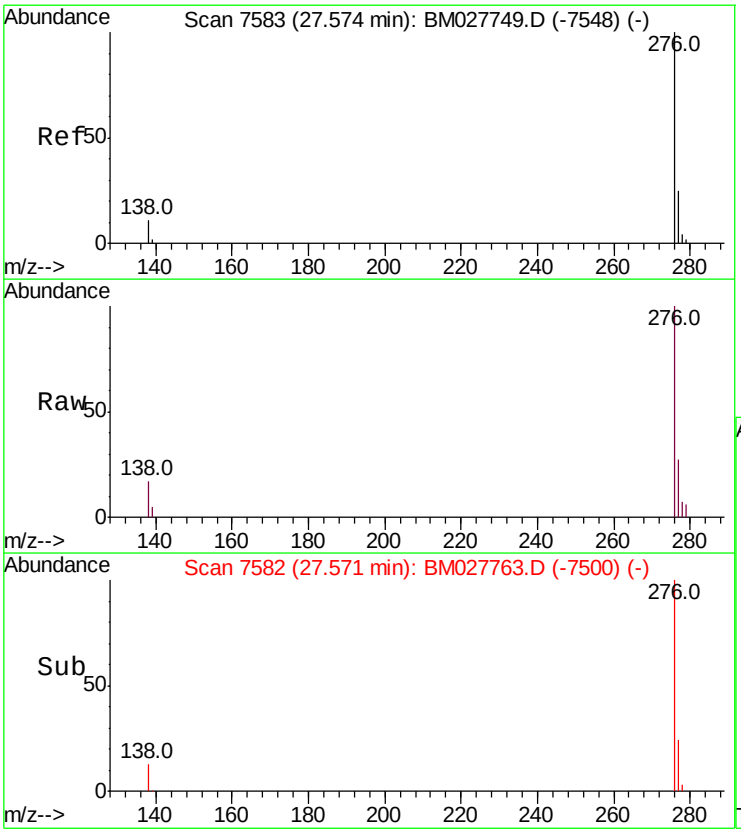

#25
Dibenzo(a,h)anthracene
Concen: 0.507 ng/ul
RT: 26.80 min Scan# 7264
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.483

Tgt Ion:278 Resp: 3715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.9 | 27.2 | 40.8# |
| 279 | 27.8 | 41.9 | 62.9# |




#26
Benzo(g,h,i)perylene
Concen: 0.498 ng/ul
RT: 27.57 min Scan# 7582
Delta R.T. -0.00 min
Lab File: BM027763.D
Acq: 09 Nov 2020 19:10

Tgt Ion:276 Resp: 3785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.4 | 26.4 | 39.6# |
| 277 | 27.3 | 35.0 | 52.4# |